

Title (en)
SHIELDED ELECTRICAL CABLE AND METHOD OF MAKING

Title (de)
ABGESCHIRMTES STROMKABEL UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
CÂBLE ÉLECTRIQUE BLINDÉ ET SON PROCÉDÉ DE FABRICATION

Publication
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Application
EP 17183225 A 20100617

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- US 34880010 P 20100527
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- EP 10728508 A 20100617

Abstract (en)

A shielded electrical cable (2) comprises a conductor set (4) including one or more substantially parallel longitudinal insulated conductors (6), two generally parallel shielding films (8) disposed around the conductor set (4), and a conformable adhesive layer (10) disposed between the shielding films (8) and bonding the shielding films (8) to each other on both sides of the conductor set (4). The shielded electrical cable (2) may further include at least one ground conductor (12). A method of making a shielded electrical cable (2) includes providing a conductor set (4) including one or more substantially parallel longitudinal insulated conductors (6), forming two generally parallel shielding films (8) around the conductor set (4), and bonding the shielding films (8) to each other on both sides of the conductor set (4).

IPC 8 full level
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CPC (source: EP US)
H01B 7/0823 (2013.01 - US); **H01B 7/0838** (2013.01 - EP US); **H01B 7/0861** (2013.01 - EP US); **H01B 7/0876** (2013.01 - US); **H01B 7/188** (2013.01 - US); **H01B 11/00** (2013.01 - US); **H01B 11/04** (2013.01 - US); **H01B 11/10** (2013.01 - US); **H01B 11/1091** (2013.01 - US); **H01B 11/1891** (2013.01 - US); **H01B 11/1895** (2013.01 - US); **H01B 11/203** (2013.01 - EP US); **H05K 9/0098** (2013.01 - US); **H01B 7/0892** (2013.01 - US)

Citation (search report)

- [A] DE 3522173 C1 19860731 - KABELMETAL ELECTRO GMBH
- [A] US 4492815 A 19850108 - MAROS RONALD R [US]
- [A] DE 2547152 A1 19770428 - TENGE HANS WERNER
- [A] US 3775552 A 19731127 - SCHUMACHER W
- [A] JP H08203350 A 19960809 - OKI ELECTRIC CABLE, et al
- [A] GB 1546609 A 19790523 - PIRELLI

Citation (examination)
JP S62226508 A 19871005 - MITSUBISHI CABLE IND LTD

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US 2010038924 W 20100617; CN 201080027251 A 20100617; CN 201080027305 A 20100617; CN 201080027313 A 20100617; CN 201080027316 A 20100617; CN 201410363661 A 20100617; EP 10728508 A 20100617; EP 10728510 A 20100617; EP 10728511 A 20100617; EP 10728975 A 20100617; EP 14153148 A 20100617; EP 14184573 A 20100617; EP 17183225 A 20100617; JP 2012516282 A 20100617; JP 2012516285 A 20100617; JP 2012516286 A 20100617; JP 2012516287 A 20100617; JP 2013010047 A 20130123; JP 2013263924 A 20131220; JP 2016002835 A 20160108; SG 2011093697 A 20100617; SG 2011093705 A 20100617; SG 2011093713 A 20100617; SG 2011093739 A 20100617; SG 2012060612 A 20100617; TW 99120045 A 20100618; TW 99120046 A 20100618; TW 99120047 A 20100618; TW 99120048 A 20100618; US 2010038930 W 20100617; US 2010038939 W 20100617; US 2010038943 W 20100617; US 201013377840 A 20100617; US 201013377852 A 20100617; US 201013377864 A 20100617; US 201013377873 A 20100617; US 201414149980 A 20140108; US 201414457739 A 20140812; US 201414538957 A 20141112; US 201514689365 A 20150417; US 201615208666 A 20160713; US 201615235143 A 20160812;

US 201615235151 A 20160812; US 201615235156 A 20160812; US 201615353243 A 20161116; US 201715596282 A 20170516;
US 201815859788 A 20180102; US 201816101741 A 20180813; US 201816122113 A 20180905